IN THE CLAIMS:

- 1. (original) A system for exhausting gas via a nozzle, comprising:
- a nozzle comprising a nozzle body portion defining a nozzle exit, characterised in that the nozzle body portion comprises fluid injection means, positioned upstream of the exit relative to a fluid flow created by the operation of the system, for injecting fluid upstream of the exit.
- 2. (original) A system as claimed in claim 1 wherein the nozzle body portion further defines a nozzle flow channel leading to the nozzle exit, wherein the fluid injection means is positioned for injecting fluid within the nozzle flow channel.
- 3. (original) A system as claimed in claim 1 wherein the nozzle has an exterior surface and the fluid injection means is positioned for injecting fluid at the exterior surface of the nozzle upstream of the exit.
- 4. (currently amended) A system as claimed in claim 1 wherein the fluid injection means comprises one or more apertures in the outer surface or surfaces of a nozzle body for providing one or more fluid jets fluid jet means.
- 5. (currently amended) A system as claimed in claim 4 wherein the aperture(s) apertures are positioned upstream of the exit.
- 6. (currently amended) A system as claimed in claim 4 further comprising means for providing the fluid jet(s) jet means via the aperture(s) apertures during operation of the system.
- 7. (currently amended) A system as claimed in claim 4 further comprising pulsing means for pulsing the fluid jet(s) jet means.
- 8. (currently amended) A system as claimed in claim 7 wherein the pulsing means pulses the fluid jet(s) jet means at a selected frequency of Hz and/or kHz.
- 9. (currently amended) A system as claimed in claim 7, wherein the pulsing means are controllable to vary the frequency at which one or more said fluid jets jet means are pulsed.
- 10. (currently amended) A system as claimed in claim 4, further comprising

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means for altering the mass flow of the fluid jet(s) jet means.

- 11. (currently amended) A system as claimed in claim 4 wherein the mass flow rate of the fluid jet(s) jet means when operational, is fixed.
- 12. (original) A system as claimed in claim 4, wherein the apertures have a fixed position and further comprising means for varying the position of fluid jets jet means by providing fluid jets via selected apertures only.
- 13. (original) A system as claimed in claim 1 wherein the fluid injection means creates microjets of fluid.
- 14. (original) A system as claimed in claim 1 for use as an aeroplane engine, wherein the nozzle body tapers to an edge at an exit.
- 15. (original) A system as claimed in claim 1, for use as an aeroplane engine, further comprising means for controlling the injection means to inject fluid during take-off of the aeroplane but not to inject fluid when cruising.

 Claim 16 is cancelled.
- 17. (original) A system for exhausting gas via a nozzle, comprising:

a nozzle comprising a nozzle body portion defining a nozzle exit, characterised in that the nozzle body portion comprises output means, positioned upstream of the exit relative to a fluid flow created by the operation of the system, for disturbing a boundary layer between the nozzle body portion and the fluid flow.

- 18. (currently amended) A system as claimed in claim 17, wherein the output means comprises fluid injection means for injecting fluid upstream of the exit er sound wave production means.
- 19. (original) A system as claimed in claim 18, wherein the fluid injection means comprises a plurality of apertures for providing fluid microjets.
- 20. (original) A system as claimed in claim 19, further comprising pulse means for pulsing the fluid microjets.

Claim 21 is cancelled.

22. (original) A system for exhausting gas via a nozzle, comprising:

a nozzle, the nozzle comprising a nozzle body portion comprising fluid injection means for injecting fluid characterised in that the system further

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comprises control means for controlling the fluid injection means to inject fluid during a first phase of operation and to not inject fluid during a second phase of operation.

- 23. (original) A system as claimed in claim 22 wherein the first phase is at least a part of the take-off phase of an aeroplane flight.
- 24. (original) A system as claimed in claim 22 wherein the second phase is at least a part of the cruising phase of an aeroplane plane flight.

 Claim 25 is cancelled.